

## AN IMPROVEMENT ON AN INJECTION MOLDING MACHINE

### ABSTRACT

5       An injection molding machine includes a stationary wall for a first  
mold part to be secured thereto, a movable wall for a second mold part to  
be secured thereto, and oil cylinders for displacing the movable wall  
relative to the stationary wall with; the oil cylinders are secured to one  
side of the stationary wall at tube portions with output rods thereof being  
10 projected from the other side of the stationary wall and connected to the  
movable wall to replace conventional guiding rods; each oil cylinder has  
a piston, and a subsidiary rod having substantially the same diameter as  
the output rods; each piston has first and second sides; the output rods  
are connected to the first sides of the pistons; the subsidiary rods are  
15 connected to the second sides of the pistons and can pass through caps of  
the cylinder tube portions; thus, both sides of each piston have the same  
area.